

19991219.ba v02\_n758.bam.991219

>From ???@??? Sun Dec 19 15:05:21 1999  
Message-Id: <199912191708.dBJH7tP01459@sco.theporch.com>  
Date: Sun, 19 Dec 1999 11:07:11 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2758

BOATANCHORS Digest 2758

Topics covered in this issue include:

- 1) Capehart mystery  
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 2) Q: Restoration of finish - bakelite knobs?  
by Bill Cotter <bcotter@pop.uky.edu>
- 3) Re: Is UPS monitoring the list?  
by Dave Jordan <wa3gin@erols.com>
- 4) Re: BC-610 MFP by Heath...  
by Ray Mote <rmote@rain.org>
- 5) Re: Q: Restoration of finish - bakelite knobs?  
by JACK Iverson <jackiv@juno.com>
- 6) RE: Is this an LS-3 speaker  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 7) UPS vs USPS  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 8) Re: UPS vs USPS  
by Hue Miller <kargokult@proaxis.com>
- 9) Re: Capehart mystery  
by "John K9UWA" <k9uwa@cris.com>
- 10) Bakelite "refinishing"  
by "Sandy W5TVW" <ebjr@i-55.com>
- 11) FS: Hallicrafters rcvrs, SX-130 \$100, SW-500 \$50  
by Al Parker <anchor@coastalnet.com>
- 12) 4X150A FMV  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 13) Using SONY ECM-21 Mic on AM or SSB?  
by "DavidC" <eDoc@netzero.net>
- 14) FS: AN/USM-223 Multimeter Set  
by GeorgeHumphrey <gah@koyote.com>
- 15) RE: UPS again  
by "Jim Berry" <basalop@gte.net>
- 16) Drake B Line  
by KB9VU@aol.com
- 17) Re: Using SONY ECM-21 Mic on AM or SSB? (longish...)  
by "DavidC" <eDoc@netzero.net>
- 18) Re: Using SONY ECM-21 Mic on AM or SSB? (longish...)

by Dave Jordan <wa3gin@erols.com>  
19) LOOKING FOR KB0TMF  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
20) BA Band Cruising  
by Josh Rovero <provero@connix.com>

-----  
Date: Sat, 18 Dec 1999 09:36:18 -0500  
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <199912181436.JAA13828@aa4rm.ba-watch.org.>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Capehart mystery

Anyone here have a lead on this?

=+ To: sars-refl@g10.com  
=+ Subject: Capehart, IN  
=+  
=+  
=+ I think Capeharts were built there.  
=+  
=+ Mapquest show it ~150 mi W of Cincinnati  
=+  
=+ Does anyone know a Capehart pro... maybe Paul Squires?  
=+  
=+ Will I have to drive there to get an answer to this persistent, nagging  
=+ question?  
=+  
=+  
=+ Hey got that odd Capehart AC-DC 522-look-alike going. The one with the  
=+ 35W4, 12AV6, 50A5, 14Q7, & 12SK7... a tube complement I divined by  
=+ smoking over the ckt. Std. 522 uses 50C5, 12BE6, 12BA6 instead  
=+ of 50A5, 14Q7, & 12SK7. Also the 2nd IFT became a tuned inductance  
=+ & tubular electrolytic morphed to a metal-can 350v surplus unit.  
=+ So chassis wasn't a simple re-punch.  
=+  
=+ Further all resistors are early red spiral-cut pac-rim things!  
=+  
=+ Bet set was p/o a '54 event where Capehart was bankrupt & trustee  
=+ found an overseas assembler to finish prod'n as cheaply as they  
=+ could. For example, by '54 I bet a 50A5, 14Q7, & 12SK7 'unwanted  
=+ tube' lot might set a person back a quarter.  
=+  
=+ This model 522 variant NOT in Sams. & God knows today a 14Q7 is  
=+ dear compared to a 12BE6.  
=+  
=+

Tks,

Marty

-----  
Message-Id: <3.0.5.32.19991218100938.00a57120@pop.uky.edu>  
Date: Sat, 18 Dec 1999 10:09:38 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Bill Cotter <bcotter@pop.uky.edu>  
Subject: Q: Restoration of finish - bakelite knobs?  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Can anyone advise us on how to restore the lustre to bakelite knobs?

I removed the knobs from the HQ-180 I am restoring and soaked them in Fantastic to remove the nicotine and oil. After 10-minutes the knobs were clean, the wash liquid dark brown and the finish DULL. The shiny look was lost. I tried to polish them on a buffing wheel with a light rouge, but when washing off the rouge, they became dull again.

OK, what's the secret? Polyurathane? Oil? Silicone? Help!!!

73 es tn timer n4alg

-----  
Bill Cotter, N4ALG                      E-mail: bcotter@pop.uky.edu  
173 Carolyn Lane                      Home: (606) 887-5563,2402  
Nicholasville, KY 40356-9340      Work: (606) 323-6474

ARRL      ARCI #9878      QRP1 #1646      QCWA #29393      FISTS #4535  
Collins R-390A S/N#633                      EAC R-390A S/N#3669  
-----

-----  
Message-ID: <385BA638.694343F7@erols.com>  
Date: Sat, 18 Dec 1999 10:20:24 -0500  
From: Dave Jordan <wa3gin@erols.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Is UPS monitoring the list?  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

...another bit of etiquette that goes back as far as the hills...don't say it or write it if you wouldn't want it published on the front page of the newspaper...

Since we're compiling subjective performance appraisals of UPS...

For the past 5 years I've shipped and received dozens of boxes of electronic components, radios, tuners, tubes, ants, etc. without mishap. The only time a piece of equipment didn't work as advertised was because the ham that sold it to me lied about the condition of the equipment. That has happened several times over the years. SO, I guess if UPS doesn't get ya...there are other risks factors that will, HAHA.

HAVE FUN,  
dave

-----  
Date: Sat, 18 Dec 1999 07:40:51 -0800 (PST)  
From: Ray Mote <rmote@rain.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BC-610 MFP by Heath...  
Message-ID: <Pine.GS0.4.21.9912180734130.14181-1000000@coyote.rain.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmm... '51, you say? Not too hard to understand! At the time, Uncle was busily buying back and refurbishing a lot of the WW2 surplus to send to our guys in Korea. It's not too strange that Heath (along with others) would have gotten such a contract, and MFP would easily be included in that effort.

Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Date: Sat, 18 Dec 1999 10:42:02 -0600  
Subject: Re: Q: Restoration of finish - bakelite knobs?  
Message-ID: <19991218.104236.-271005.29.jackiv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: JACK Iverson <jackiv@juno.com>

BILL, you would have done better to soak them in White Lightnin aka Kentucky moonshine. That should be readily available. the alcohol will

dissolve the nicotine.  
cleaners such as 409, Fantastic etc. will remove or dissolve the shiny  
surface of  
the plastic. See Barry Ornitz article of a few days ago.  
Possibly someone can forward it to you/./.  
happy holidays to all old jack

On Sat, 18 Dec 1999 10:09:38 -0500 Bill Cotter <bcotter@pop.uky.edu>  
writes:

> Can anyone advise us on how to restore the lustre to bakelite knobs?  
>  
> I removed the knobs from the HQ-180 I am restoring and soaked them  
> in Fantastic to remove the nicotine and oil. After 10-minutes the  
> knobs were clean, the wash liquid dark brown and the finish DULL.  
> The shiny look was lost. I tried to polish them on a buffing wheel  
> with a light rouge, but when washing off the rouge, they became  
> dull again.  
>  
> OK, what's the secret? Polyurathane? Oil? Silicone? Help!!!  
>  
> 73 es tn timer n4alg  
>  
>  
>  
> -----  
> Bill Cotter, N4ALG E-mail: bcotter@pop.uky.edu  
> 173 Carolyn Lane Home: (606) 887-5563,2402  
> Nicholasville, KY 40356-9340 Work: (606) 323-6474  
>  
> ARRL ARCI #9878 QRP1 #1646 QCWA #29393 FISTS #4535  
> Collins R-390A S/N#633 EAC R-390A S/N#3669  
> -----  
>

Jack Iverson K0EWU jackiv@juno.com  
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA, CCA, OOTC.

-----  
Date: Sat, 18 Dec 1999 14:07:07 -0500  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: RE: Is this an LS-3 speaker  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199912181407\_MC2-919E-12D4@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Richard & Group,

You didn't mention the speaker diameter, but the box size and "huge magnet" description, and the implication that it has a two-circuit (three contact=) jack on the front are consistent with either the LS-3 or the later LS-215/U, except that the actual front to back dimension is closer to 4.75", not counting four heavy louvres on the front. The original LS-3 is finished in black wrinkle, has an 8000 ohm to voice coil matching transformer, and a JK-22 7/32" microphone jack on the front. These match the audio output impedance and speaker jack of the earlier BC-312/14/42/44.

The LS-215/U is the same except that it is finished in black semi-gloss and has an 8000/4000/600 ohm matching transformer.

Message text written by N6NAE

- >1. Is it an LS-3?
  - 2. Were they 600 ohms?
  - 3. Is the jack on the front three circuit, with the signals on ring and tip?
- <

Robert Downs  
WA5CAB  
Houston

-----  
Date: Sat, 18 Dec 1999 14:06:56 -0500  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: UPS vs USPS  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199912181407\_MC2-919E-12CC@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Group,

For the record, USPS is cheaper than UPS up to 7 or 8 pounds, depending on

n  
ZIP. Then UPS is cheaper up to 40 to 45 pounds, where USPS becomes cheap=  
er  
again. The extra charge with USPS for insurance is sometimes the decidin=  
g  
factor as to who's cheaper. So far as web based tracking is concerned,  
since UPS quit requiring signatures, their system became equivalent to US=  
PS  
Delivery Confirmation. =

I've had relatively little trouble with either shipper, and I ship more  
than most of you. Both have claimed delivery of packages when they  
weren't. Both have damaged or lost packages, although not many. Problem=  
s  
at the receiving end seem to depend upon the quality of the local people.=  
=

If someone tells me that they have problems at their end with either one,=  
then I ignore cost and use the other. =

I use a secondary UPS point (an independent) because the closest UPS poin=  
t  
is miles away and in a part of Houston where the Police only go in threes=  
,  
so I haven't encountered the glass refusal problem (yet?). And I do all =  
of  
my own packing. However, I shipped some Christmas presents to my family =  
on  
Wednesday. One of the (recycled) boxes had a Fragile Glass sticker which=  
I  
left on because I didn't really know what my wife might have packed in so=  
me  
of the boxes, and so far the lady who runs the place hasn't called to say=  
that the driver gave her a hard time or anything, so I don't know what th=  
e  
deal is there.

So far this year, I've shipped several heavy military BA items, including=  
one complete SCR-528, with no reported damage. Most of it took a good ha=  
lf  
day to pack. On the other hand, I received an RBM receiver and power  
supply from an ebzzz seller last summer that had been packed by one of th=  
e

store front operations. It probably took them all of 20 minutes, and it was a minor miracle that it arrived apparently undamaged. Took me two hours to dig all of the damn styrofoam peanuts out of it. I also usually=

comment on packaging in the eBay feedback. I haven't been saying anythin=g about packing in my first contact message, but I think that may be a good= idea (don't remember who here mentioned it).

73,  
Robert Downs  
WA5CAB  
Houston

-----  
Message-Id: <3.0.5.32.19991218114200.007f0100@proaxis.com>  
Date: Sat, 18 Dec 1999 11:42:00 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Hue Miller <kargokult@proaxis.com>  
Subject: Re: UPS vs USPS  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:06 PM 12/18/99 -0500, ROBERT W. DOWNS wrote:

>I use a secondary UPS point (an independent).....  
>so I haven't encountered the glass refusal problem (yet?).

--seems to me that the individual UPS stations have been given the word to crack down (no pun) and they're interpreting with some differences. I too have been given the 3rd degree by UPS, and after a \*good\* packing job i was not happy to cut open my boxes so they could look! I don't think i've ever had a UPS-independent shipping contractor ask me about my packaging. I appreciate that, but it makes me wonder what would happen if there was damage - kiss it goodbye and forget it?  
Hue Miller

-----  
Message-Id: <199912181942.0AA17973@cliff.concentric.net>  
From: "John K9UWA" <k9uwa@cris.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sat, 18 Dec 1999 14:45:14 -0500  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: Re: Capehart mystery  
CC: polepeeeg@aaa4rm.ba-watch.org



>

> Anyone here have a lead on this?

Capehart was built in Ft Wayne, Indiana.....I know....I live here.....  
Formerly Farnsworth....later Magnavox..now owned by Ratheon....  
Anyway.....Philco Farnsworth.....designed and built Capehart to get money to  
support his Nuclear Fusion research.....went to school with Philco's Son....  
John K9UWA

John Goller, K9UWA & Jean Goller, N9PXF  
Antique Radio Restorations  
k9uwa@arrl.net  
k9uwa@cris.com  
k9uwa@concentric.net  
Visit our Web Site at:  
<http://www.JohnJeanAntiqueRadio.com>

-----  
Message-ID: <009301bf49a1\$3cb63680\$d867e7d0@sandy-s-pentium>  
From: "Sandy W5TVW" <ebjrr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Bakelite "refinishing"  
Date: Sat, 18 Dec 1999 15:44:11 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Have been reading the thread with interest.

I have cleaned "grungy" bakelite knobs with "409" or Dow  
"Scrubbing bubbles"  
but it is very caustic and you can't leave it on long! It will  
cause the surface to  
decompose or pit. On very dull knobs, I have used auto finish  
restorer  
(Maguire's) or polish. Also have used "Brasso" polish. Both  
with some elbow  
grease seem to do a pretty good job. On the skirted round knobs  
(like the  
Collins receivers used, I have chucked a piece of 1/4"  
brass/aluminium  
rod in my electric drill, and fastened the knob to it. Rotate  
the knob at  
250=500 RPM or so and use a rag with the auto finish restorer or

the Brasso and it will polish the bakelite quite nicely.

I would like to try "glass" electric stovetop cleaner (the electric stoves

where you don't see the burners) and see how that works. It is very mildly

abrasive and should work too.

73,

Sandy W5TVW

-----  
Message-Id: <3.0.6.32.19991218171519.00921220@mail2.coastalnet.com>

Date: Sat, 18 Dec 1999 17:15:19 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: Al Parker <anchor@coastalnet.com>

Subject: FS: Hallicrafters rcvrs, SX-130 \$100, SW-500 \$50

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi folks,

I've got a new SX-115 coming, need to make space & revive the wallet. Will have 1 or 2 more rcvrs for sale soon, same reason. The SX-115 will be paired with my HT-32 which is used regularly, replacing the SX-101A.

SX-130, chassis has some rust spots, but has been cleaned, and aligned. Working well. Cabinet repainted. Original knobs, some corrosion on alum. inserts. White paint on dial has some flaking, worst at the meter & freq. readout window. Looks like a prev. owner re-did some of the lines & marking, good job. Has an extra tube socket inside, looks like a VR tube had been added, supplying B+ to a jack on the rear, maybe for an external convertor. I'm not sure if that ckt is complete, I didn't try to follow it.

\$100 incl. manual copy, plus shipping.

SW-500, Good condx, electrolytics have been replaced. Aligned, working well. Some pitting on cabinet & panel "brightwork". Compl. with back cover.

\$50 plus shipping.

Will answer any questions as needed.

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

anchor@coastalnet.com

-----  
Date: Sat, 18 Dec 1999 18:00:36 -0500

From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>

Subject: 4X150A FMV

To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199912181800\_MC2-919D-7FF@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Groups,

Would anyone care to offer an opinion as to the fair market value (amongst  
hams and Mil BA collectors) of an NOS 4X150A. Sealed in the original bag=  
but not in the original box.

Robert Downs  
WA5CAB  
Houston

-----  
Message-ID: <003601bf49c4\$03584f40\$0f1c3004@oemcomputer>  
From: "DavidC" <eDoc@netzero.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Using SONY ECM-21 Mic on AM or SSB?  
Date: Sat, 18 Dec 1999 20:07:37 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have come by a pair of SONY ECM-21 microphones.  
They are cardioid pattern electret condenser microphones.

Can these be used for AM or SSB modes? Do they need to  
be run through a pre-amp and some sort of processing?

Rigs I would want to try these with are: Elmac AF-67, Morrow MB-560,  
Tempo One/FT-200, Kenwood TS-690S/AT.

If appropriate, can folks suggest inexpensive models of mixing  
boards with equalizers and pre-amplification, please? Or whatever  
would help to amplify and shape mic audio ... even better if multiple  
mics could be switch selected and tested on the air. Preferably  
devices that I could find used at a music shop or elsewhere.

- Thanks! & 73, DavidC K1YP

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NetZero - Defenders of the Free World  
Get your FREE Internet Access and Email at  
<http://www.netzero.net/download/index.html>

-----  
Message-Id: <3.0.6.32.19991218223002.00a86320@mail.koyote.com>  
Date: Sat, 18 Dec 1999 22:30:02 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: GeorgeHumphrey <gah@koyote.com>  
Subject: FS: AN/USM-223 Multimeter Set  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Military AN/USM-223 Multimeter Set consisting of  
ME-297/U Multimeter,  
MX-1572/U Test Adapter,  
CX-927/U Test Lead and  
CX-1331/U Test Lead Set.  
Set appears to be complete and multimeter is operational.  
Cover has been broken in several places and poorly glued as seen in  
photograph.

<http://www.koyote.com/users/gah/MilMeter.jpg>

\$30 plus shipping from 75440

73 George KC5WBV

-----  
From: "Jim Berry" <basalop@gte.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: UPS again  
Date: Sat, 18 Dec 1999 20:30:27 -0800  
Message-ID: <000e01bf49d9\$c62afc60\$09020f3f@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Paul and All,

I just received a 17 inch computer monitor weighing 39 lbs,  
shipped from TN to WA, via UPS and it arrived in fine shape.

73 Jim K7SLI

> -----Original Message-----  
> From: owner-boatanchors@theporch.com  
> [mailto:owner-boatanchors@theporch.com]On Behalf Of Paul  
> Bernhard Sr.  
> Sent: Saturday, December 18, 1999 4:15 AM  
> To: Old Tube Radios  
> Subject: UPS again  
>  
>  
> Hi all:  
> Just shipped some stuff UPS and am still waiting to  
> hear if it got  
> through OK. This thread has me worried!  
> Here in WNY I took the items to the UPS central  
> shipping location and  
> was told I had to bring them in unsealed so they could  
> inspect the contents.  
> They also told me they would only accept radios, etc. in  
> the original  
> manufacturer's shipping boxes. Pretty hard to come by for  
> most BA's! I ended  
> up packing them myself and using Mailboxes' etc. No  
> questions asked there.  
> Now I know why all those adds in QST years ago charged more for  
> equipment when it was in it's "original" carton!  
>  
> Paul B. W2TU  
>  
>  
>  
>

-----  
From: KB9VU@aol.com  
Message-ID: <0.b822f35a.258e49ad@aol.com>  
Date: Sun, 19 Dec 1999 09:46:05 EST  
Subject: Drake B Line  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: baswaplist@foothill.net  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Complete "B" Line available. R4B, T4XB, AC4, MS4, Mic, cables, Original  
manuals, Spare tube set with finals (all NOS) and various other hardware.  
\$600 obo plus shipping from 63033. Will drive a reasonable distance from St.

Louis if you want to pick up.

Cosmetics: Good with normal wear on cabinets (few scratches and rubs). Panels are very good with no large marks or dings. Panels show normal use. Both main tuning knobs are original and show wear. Chassis' show some discoloration on the upper copper surfaces and are dusty.

Electrical: The station receives on all installed (10 - 160) bands and transmits on all bands (10-160). No electrical problems noted during testing.

I'll verify functionality and warrant that the radios work and appear as stated above. If you don't like what you receive, send them back in the same condition as you received them for a refund of the purchase price.

73 and Merry Christmas to all.

Mike, KB9VU

-----  
Message-ID: <012a01bf4a30\$2d7fd060\$0e1c3004@oemcomputer>  
From: "DavidC" <eDoc@netzero.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Using SONY ECM-21 Mic on AM or SSB? (longish...)  
Date: Sun, 19 Dec 1999 09:48:51 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks to all who replied! Very helpful! Beautiful sounding AM, here I come! ;-)

Neat thing about the ECM-21 is that it requires only a standard 1.5v AA battery and the compartment is inside the mic casing.

Of course the down side is if the battery leaks your mic will probably be destroyed. Short term I will use the AA, long term I will probably rewire the mic to accept power from the mixer or rig.

I continue to be interested in recommendations for a mic pre-amp/ EQ/limiter-compressor device that I might acquire used for short money. Would also appreciate suggested sites on the Internet where such devices are commonly posted for sale.

Keep making those BA's sound better and better! ;-)

- Thanks again! & 73, DavidC K1YP

\*\*\*\*\*

> Hi David,  
>  
> While I'm not familiar with the Sony ECM-21 mic, you might enjoy  
> "tailoring/shaping" the mic's audio with a simple preamp design from the  
> ARRL Handbook. Check out the 1998 version, 22.30, chapter 22. The circuit  
is  
> easily-built on a breadboard, and employs a 2N3904 and a 741 op-amp. It  
has  
> hi-boost, low-boost and a mic gain control that should cover a reasonably  
> wide range of mics/rigs. I've played with a number of mics using this  
> circuit. Cost is about \$5-\$10 depending on the depth of your junk box :)  
>  
> As you probably know, the ironic "goal" in creating the ultimate SSB  
> contesting mic, is to roll-off the mic's high and low-end audio spectrum  
> performance and concentrate the sound energy in a narrow range. According  
to  
> Bob Heil, of Heil Sound, that range should be ~ 500Hz to 3,800Hz with a 10  
> dB rise at 2,000Hz -- which is a freq that the human ear is especially  
> sensitive to. By comparison, electret mics that are used for hi-fidelity  
> recording have ranges of perhaps 30Hz to 18kHz ! So, you'll probably need  
to  
> get rid of a lot of the Sony's stunning performance to make it a good SSB  
> mic ;)  
>  
> AM mics -- depending on who you talk to -- are a different breed. With the  
> higher bandwidth of the AM signal, most ops want all those deep rich lows  
> and twinkling highs ;) So, that's a scenario that's more naturally suited  
to  
> the Sony's frequency response -- right out of the box. Should work pretty  
> well; might have to use a small preamp, depending on your rig.  
>  
> Regarding used mixers/preamps -- I own a Mackie 1202 -- which is a lot of  
> fun to play with, although I'd consider it \*excessive\* for ham radio mic  
> work. Doesn't hurt to check around and see what the local music shops have  
> tho'.  
>  
> Heil Sound: <http://www.heilsound.com/>  
> Mackie Mixer: <http://www.mackie.com/default.asp>  
>  
> GL with the project,  
>  
> 73 - Conrad Weiss - NN6CW

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<http://www.netzero.net/download/index.html>

-----  
Message-ID: <385CF9A0.51FE6AA1@erols.com>  
Date: Sun, 19 Dec 1999 10:28:32 -0500  
From: Dave Jordan <wa3gin@erols.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Using SONY ECM-21 Mic on AM or SSB? (longish...)  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

David,

W2IHY makes a super noise gate and 8 band mic equalizer. The thing is feature rich. It has a headphone jack w/volume control, so you can monitor your audio as it goes into the transmitter. Has three mic inputs connector types on the back so you can use commercial connectors, amateur type or RCA type. Has built-in power supply for electret mics. Has input and output matching with adjustable gain control. Will match multiply low impedance or high impedance mics.

I've used his older unit for years (see my web site [www.erols.com/wa3gin](http://www.erols.com/wa3gin)).  
But have just installed his new unit and it's SUPER. The price is less than a S55 on the collins list!

Seasons Greetings,  
dave

-----  
Date: Sun, 19 Dec 1999 10:27:16 -0500  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: LOOKING FOR KB0TMF  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199912191027\_MC2-91AF-A166@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Groups,



Does anyone on here know Ron Hankins, KB0TMF? I checked QRZ.COM but it didn't have an email address. Several years ago, I sold him some stuff, including GRC-19 pieces, but wasn't able to locate the NOS stocked CY-145=1.

Last week, I found it, but before I send him a snail mail which he probably won't get before Christmas, I thought I'd see whether he has an email address or not. =

73,  
Robert Downs  
WA5CAB  
Houston

-----  
Message-ID: <385D1100.28C6139D@connix.com>  
Date: Sun, 19 Dec 1999 12:08:16 -0500  
From: Josh Rovero <provero@connix.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BA Band Cruising  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Had a couple of Hammarlund HQ-140-Xs plus the VM-1432 AM/SW tuner up on the bench yesterday afternoon. Led to a very enjoyable evening of broadcast and shortwave listening while tweaking and checking things.

The VM is just a simple 4 tube tuner (no audio stage, needs external amp) and the great sound reminded me of my start in the hobby with the old family AM/SW console and a "modern" solid-state S-120 clone. It doesn't take much radio to get hooked!

--  
P. Josh Rovero      email:      provero@connix.com  
                         web:      http://www.connix.com/~provero

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End of BOATANCHORS Digest 2758  
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